

Peak District National Park

Forecast valid from 06:00 on Saturday 23 Jan 2021 until 23:59 on Sunday 24 Jan 2021

Forecast Issued on Saturday 23 Jan 2021 at 03:56

Confidence: High for cold, showery conditions continuing through into next week and then becoming milder during Tuesday, although timings of this uncertain at the moment.

Headline for Saturday 23 Jan 2021: Hill fog and occasional snow showers in the west. Dry and brighter elsewhere. Cold.

Mountain weather hazards on Saturday 23 Jan 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

High Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light snow	Light snow	Light snow	Light snow	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
30%	40%	30%	20%	10%	00%

Forecast for Saturday 23 Jan 2021

Weather: Western areas mostly cloudy with hill fog and light snow showers, these easing this afternoon. Elsewhere dry with broken cloud, clear or sunny spells.

Chance of cloud free mountain/hill tops above 600m: Around 30% across western areas, elsewhere 80%.

Visibility: Areas of cloud above 400m across western areas, with more patchy cloud above 600m elsewhere. Away from cloud, very good or excellent with some good panoramic views possible, falling to just one or two kilometres at times with the snow.

Forecast for Saturday 23 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/11 W	7/10 W	11/15 W	13/18 W	13/18 W	13/17 W	12/16 W
300	5/7 SW	5/7 SW	9/13 NW	10/15 W	9/15 W	8/13 W	7/11 SW
Valley	3/5 SW	3/6 SW	7/13 NW	7/14 W	5/13 W	4/11 W	4/8 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-2/-6	-2/-8	-2/-8	-3/-9	-4/-10	-4/-10
300	-0/-3	-0/-3	0/-4	0/-4	-1/-5	-2/-6	-2/-7
Valley	0/-2	0/-2	1/-3	1/-2	-0/-4	-2/-4	-2/-4
Freezing Level*	200m	200m	200m	200m	100m	00m	00m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Widespread valley frosts at first and again in evening, temperatures down to minus 3 or 4 Celsius.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 23 Jan 2021	1.4mm	3.2mm	43.4mm

Forecast for Sunday 24 Jan 2021

Weather: One or two mainly light snow showers are possible overnight, these most likely across western and southern areas, but most places dry with long clear spells at first but then increasing cloud through the morning. Then dry and clear through the evening, with a widespread frost quickly developing with valley freezing fog.

Maximum wind: Southwesterly winds 15 mph or less, but temperatures still low enough for a significant chill effect.

Chance of cloud free mountain/hill tops above 600m: Overnight around 40% across western areas, elsewhere 90%. Becoming generally 90% through the day.

Visibility: Periods of cloud expected below the summits across western areas overnight, with very little then during the day. Away from cloud, very good or excellent, falling to just a few kilometres in snow showers.

Temperature: **Valleys:** Falling to minus 5 or 6 Celsius overnight then rising briefly to plus 1 Celsius around midday.
At 600m: Around minus 4 Celsius
Freezing level: Below 300m.